



Abstract

A fuel cell cogeneration system includes a reforming device, an oxidant gas humidifying device, a fuel cell, a hot water storage device, a thermometer and control device. The hot water storage device stores hot water and recovered heat recovered by the hot water via a heat exchanger from cooling water supplied to the fuel cell to be used to cool the fuel cell and discharged from the fuel cell. The thermometer measures a temperature of the hot water storage device and the control device receives a temperature signal from the thermometer. The hot water circulates through the hot water storage device and the heat exchanger, the hot water, the cooling water, and the recovered water are isolated from each other.